

FIG. 1

10 PLANNING TERMINAL APPARATUS  
12 RECORDING/REPRODUCING APPARATUS  
40 IMAGING APPARATUS  
50 FIELD PC/PDA  
20 MATERIAL GATHERING TERMINAL APPARATUS  
30 EDITING TERMINAL APPARATUS  
100 RECORDING/REPRODUCING APPARATUS

FIG. 4

102 EXTERNAL VIDEO INTERFACE  
103 VIDEO COMPRESSION/DECOMPRESSION UNIT  
140 VIDEO INTERFACE  
105 OPERATOR UNIT INTERFACE  
106 OPERATOR UNIT  
107 EXTERNAL AUDIO INTERFACE  
108 AUDIO PROCESSOR  
109 AUDIO INTERFACE  
110 CPU  
130 PRINTER  
132 PRINT CONTROL UNIT  
134 PRINTER INTERFACE  
112 STORAGE UNIT  
124 LOADING MECHANISM

125 LOADING MECHANISM CONTROLLER

126 MECHANISM INTERFACE

123 PICKUP CONTROL

122 DATA PROCESSOR

121 DRIVE INTERFACE

140 METADATA PROCESSING UNIT

113 COMMUNICATION UNIT

115 LCD DISPLAY INTERFACE

114 LCD DISPLAY UNIT

FIG. 5

140 METADATA PROCESSING UNIT

142 METADATA EXTRACTING SECTION

144 METADATA CODING SECTION

146 METADATA EDITING SECTION

148 THUMBNAIL IMAGE EXTRACTING SECTION

149 PRINT LAYOUT ADJUSTING SECTION

FIG. 6

302 METADATA EXTRACTION WINDOW

<SELECT METADATA TO BE DISPLAYED>

ID

SCENARIO

TITLE

MATERIAL GATHERING MEMO

CAMERA OPERATOR

RECORDING CONDITION

REPORTER	FILE NAME
MATERIAL GATHERING LOCATION	SHOOT MARK
DATE	BARCODE
TIME	THUMBNAIL

START            METADATA

FIG. 7

307 METADATA LAYOUT

File(F)   Edit(E)   View(V)   Favorite(A)   Tools(T)   Help(H)

Adjust Position   Adjust Font   Adjust Color   Ruled Line

ID                                :2003-10

Title                            :One hundred renowned mountains in Japan

Camera operator :Yamada

Location                        :Mt. Fuji

Date                              :2003.2.15

START            LAYOUT

FIG. 8

ID                                :2003-10

TITLE                            :ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN

CAMERA OPERATOR :YAMADA  
 REPORTER :TAKAHASHI  
 LOCATION :Mt. FUJI  
 DATE :2003.2.15  
 MATERIAL GATHERING MEMO :SUNRISE WAS SEEN  
 EDITING MEMO :CUT TO 3 MINUTES

Fig. 9

TIME CODE	MATERIAL GATHERING MEMO
412: IN-POINT	414: OUT-POINT
HOUR :MINUTE :SECOND :FRAME	HOUR :MINUTE :SECOND :FRAME
	SECURITY COUNCIL SCENE
	INTERVIEW WITH PRIME MINISTER
	SPEECH OF PRESIDENT SCENE

FIG. 10

START AUTOMATIC DISPLAY

S100 LOAD OPTICAL DISK

S108 AUTOMATICALLY EXTRACT DATA TO BE DISPLAYED

S110 ENCODE METADATA

S112 EXTRACT THUMBNAIL IMAGES

S114 AUTOMATICALLY ADJUST PRINT LAYOUT

S116 PRINT DISPLAY DATA ONTO SHEET OF OPTICAL DISK

S118 UNLOAD OPTICAL DISK

END

FIG. 11

START SEMI-AUTOMATIC DISPLAY

S200 LOAD OPTICAL DISK

S202 READ METADATA

S204 EDIT METADATA

S206 SPECIFY PRINT

S208 EXTRACT METADATA

S210 ENCODE METADATA

S212 EXTRACT THUMBNAIL IMAGES

S214 MANUALLY ADJUST PRINT LAYOUT

S216 PRINT DISPLAY DATA ONTO SHEET OF OPTICAL DISK

S218 UNLOAD OPTICAL DISK

END

FIG. 12B

ID : 2003-10

TTL : ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN

CAM : YAMADA

REP : TAKAHASHI

PLC : Mt. FUJI

DAY : 2003.2.15

MEMO : SUNRISE WAS SEEN

FIG. 13A

86a

ID : 2003-10  
TTL : ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN  
CAM : YAMADA  
REP : TAKAHASHI  
PLC : Mt. Fuji  
DAY : 2003.2.15

86b ONE HUNDRED RENOWNED MOUNTAINS IN JAPAN

FIG. 13B

CAM : YAMADA  
PLC : Mt. FUJI  
DAY : 2003.2.15

FIG. 13C

YAMADA  
Mt. FUJI  
H15.2.3